PENNSYLVANIA

LABOR MARKET INFORMATION

FOR AFFIRMATIVE ACTION PROGRAMS

ISSUED 1980

The data in this report meet the minimum requirement of OFCC revised Order No. 4, Subpart B, Paragraph 60-2.11; Section (a) (1), (i)-(v) and (2), (i)-(v).

LABOR AND INDUSTRY BUILDING *SEVENTH AND FORSTER STREETS* *HARRISBURG, PA 17121*	COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY	*PHONE: (717) 787-2114*

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF LABOR AND INDUSTRY
OFFICE OF EMPLOYMENT SECURITY

PENNSYLVANIA

LABOR MARKET INFORMATION

FOR

AFFIRMATIVE ACTION PROGRAMS

(INCLUDES 1979 ANNUAL AVERAGES)

ISSUED 1980

PREPARED BY:

LABOR MARKET ANALYSIS SECTION
OFFICE OF EMPLOYMENT SECURITY
LABOR & INDUSTRY BUILDING
HARRISBURG, PA 17121
PHONE: 717-787-2114

TABLE OF CONTENTS

		PAGE
Definition		1
Area Coverage		2
Statistical Data and Their Significance		2
Labor Resources		5
Availability of Female and Minority Labor		6
Table 1.	Penna. Population by Sex and Minority Status: 1970 Census	7
Table 2.	Penna. Civilian Noninstitutional Population 16 years and Over by Race, Sex, and Age: 1979 Annual Average	8
Table 3.	Penna. Civilian Noninstitutional Population by Age, Race, Sex, and Spanish Origin: 1976	9
Table 4.	Penna. Labor Force Participation Rates by Sex, Age, and Race: 1971 - 1979	10
Table 5.	Penna. Employment Status by Sex, Age, and Minority Status: 1979 Annual Average	11
Table 6.	Penna/United States Unemployment Rates for Selected Demographic Groups: 1974 thru 1979 Annual Average	12
Table 7.	Penna. Occupations of Employed Persons by Sex and Minority Status: 1970 and 1979	13
Table 8.	Penna. Occupations of Employed Persons by Sex and Minority Status (Horizontal Percent Distribution): 1970 Census	14
Table 9.	Penna. Employment Status by Occupation; Occupational Distribution by Sex and Race: 1978 Annual Average	15
Table 10.	Penna. Last Occupation of the Experienced Unemployed by Sex and Minority Status: 1970 Census	16

TABLE OF CONTENTS (continued)

PAGE

Table 11. Occupation of the Insured Unemployed at Local Offices of the Pennsylvania State Employment Service by Sex and Minority Status: 1979 Annual Average - - - - - - - - 17

Table 12. U.S. and Penna. Major Characteristics of the Black Population and Persons of Spanish Origin: Spring 1976 - - - 18

Table 13. U.S. Employment Status of Whites, Blacks, and Persons of Hispanic Origin: 1979 Annual Average - - - - - - 20

Table 14. U.S. Employment Status of the Population in Metropolitan and Nonmetropolitan Areas by Sex, Age, and Race: 1978 and 1979 Annual Average - - - - - - - - - - - - - - - - - 21

Table 15. U.S. Employed Persons by Detailed Occupation, Sex, and Race: 1979 Annual Average - 22

List of Available Affirmative Action Reports - - - - - - - - - - - - - - - 24

Map of Labor Market Areas of Pennsylvania - - - - - - - - - - - - - - - - - 27

LABOR RESOURCE INFORMATION FOR AFFIRMATIVE ACTION PROGRAMS

DEFINITION

"An affirmative action program is a set of specific and result-oriented procedures to which a contractor commits himself to apply every good faith effort. The objective of those procedures plus such efforts is equal employment opportunity. Procedures without effort to make them work are meaningless; and effort, undirected by specific and meaningful procedures, is inadequate. An acceptable affirmative action program must include an analysis of areas within which the contractor is deficient in the utilization of minority groups and women, and further, goals and timetables to which the contractor's good faith efforts must be directed to correct the deficiencies and, thus to increase materially the utilization of minorities and women, at all levels and in all segments of his work force where deficiencies exist."

--U.S. Department of Labor, Office of Federal Contract Compliance, Revised Order No. 4

Area Coverage

This report provides labor resource information for the entire Commonwealth of Pennsylvania.

Separate reports are available by local labor market areas (see pages 24 through 26 and map on page 27). Most local employers recruit and most workers seek employment within a single local labor market area. However, the labor market area for some professional and blue-collar shortage occupations is geographically broader, with recruitment often conducted on a statewide, regionwide, or nationwide basis. For such positions, labor resources in nearby areas and beyond should also be considered in setting Affirmative Action Program goals.

Statistical Data and Their Significance

The tables in this report are designed to provide labor market information to assist employers in evaluating the employment of women and minorities in their labor forces and in establishing goals to improve such employment.

Census data in Table 1 show that Blacks are by far the dominant minority in Pennsylvania. Smaller minority groups must not be overlooked, however, in establishing Affirmative Action Program goals.

Table 2 lists 1979 estimates of the population of working age in Pennsylvania.

Table 3 lists Pennsylvania's population for 1976 by age, sex, race, and Spanish origin.

Table 4 gives labor force participation rates from 1971 through 1979 by race and sex.

Table 5 contains annual average labor force, employment, and unemployment data for 1979. The percent distributions for each of these categories reveal the relatively greater employment problems of women, minorities, and younger workers. Women accounted for 40.5 percent of the employed workers in the state, but 45.6 percent of the unemployed. The corresponding figures for Blacks show that they represented 7.1 percent of the employed, but 18.7 percent of the unemployed. Sixteen to nineteen year olds made up 7.6 percent of the employed and 20.0 percent of the unemployed.

Table 6 gives the unemployment rate by sex and race for 1974 thru 1979.

Tables 7 and 8 show the percent distribution of employed persons by sex and minority status for major occupational groups and selected intermediate occupations. The percentages are based on 1970 Census counts. Some changes in the occupational distribution have occurred since 1970, but these changes are not believed to be substantial. The data reveal the typical underrepresentation of Blacks in the white-collar and skilled crafts categories, and overrepresentation in service jobs. Women also are underrepresented in the skilled crafts category and are overrepresented in service and clerical jobs. The apparently favorable proportion of women in professional occupations results from their predominance in elementary and secondary school teaching and nursing.

Table 9 updates to 1978 the data in Table 6 by broad occupational groups and includes unemployment rates by occupational category.

Table 10 contains data from the 1970 Census of Population on the last occupation of the experienced unemployed by sex and minority status. To provide a more current picture of the skills of the unemployed, Table 10 shows occupational characteristics of individuals who have received unemployment compensation through the local offices of the Pennsylvania State Employment Service in 1979. The 'insured' unemployed data in Table 10 are not comparable with Census occupational data in Table 10 because the insured unemployed is only a portion of total unemployment.

It should be noted, in regard to the supply of labor, not all unemployed individuals are registered at the local offices. Some unemployed individuals are registered but are not receiving unemployment compensation. Also, some employed individuals, generally a small proportion, are registered for the purpose of finding other jobs. While not all unemployed individuals or job-seekers apply for work at local public employment offices, such individuals do represent a large share, estimated at 75 percent of the total number of unemployed at any one time. In particular, minorities most frequently seek jobs through local employment offices.

Table 7, 8, and 10 provide information on the currently identified or utilized skills of the local labor force. The data reflect the kinds of job categories in which women and minorities have been and are still predominantly employed, but reveal little about the

occupational potential of these workers. Table 7 and 8 can be compared to Table 15, which contains similar data for the entire U.S.

Table 12 gives characteristics of the Black and Spanish Origin populations in Pennsylvania and U.S.

Labor Resources

Goals for the utilization of women and minorities should take into consideration all labor resources, which include the employed, and unemployed, and persons of working age not in the labor force. It is estimated, on a nationwide basis, that as many as 60 percent of all the job vacancies are filled by employed workers moving from one job to another. In considering the employed as a resource for achieving Affirmative Action Program goals, an analysis of a company's own employees--its internal labor market--can assume great significance. For many employers, their own personnel can contribute most importantly toward correcting underutilization of women and minorities in specific job categories, if traditional assignment, transfer, and promotion barriers are discarded and equal training opportunities are made available.

Additionally, those not in the labor force, particularly women, also offer considerable potential for improving their utilization in many job classifications. Women's entrance and reentrace into the labor market in response to the availability, at meaningful pay scales, of all kinds of jobs--nontraditional, as well as traditional--can be dramatic, as the experience during World War II so conclusively demonstrated.

Availability of Female and Minority Labor

Tables 10 and 11 should be used as a guide to the general availability of labor. Since the availability of female and minority labor by detailed job category and specific requisite skill continually changes, we recommend employers to include the following actions in their Affirmative Action plans:

Place Affirmative Action job orders (Orders to hire) with any Pennsylvania Office of Employment Security local office. Employment interviewers and others will make every effort to help employers fill their needs. Local offices have current labor market information and can advise employers on available publicly sponsored job training programs, including government financed 'on-the-job' training.

Contact Opportunities Industrialization Centers (OIC), trade schools, high schools, vocational education schools, colleges, etc. concerning recruitment.

Consider available labor resources within their own organizations for inner mobility, specifically, promotion of women and minorities from within.

NOTE: Spanish origin - Persons of Spanish origin are primarily Puerto Rican, Mexican, Cuban, or Central or South American. Persons of some other Spanish origin are also included in this group. Persons of Spanish origin may be of any race.

STATE OF PENNSYLVANIA

Table 1. Population by Sex and Minority Status

1970

Minority Status	Number		Percent distribution		Labor Force participation rate	
	Total	Female	Total	Female	Total	Female
	(1)	(2)	(3)	(4)	(5)	(6)
1. Total	11,793,909	6,128,495	100.0	100.0	56.4	39.4
2. White	10,737,732	5,568,236	91.0	90.9	56.4	38.7
3. Black	1,016,514	539,848	8.6	8.8	57.0	46.7
4. American Indian	5,533	2,995	2/	2/	NA	NA
5. Oriental	20,081	10,746	0.2	0.2	NA	NA
6. Other Races	14,049	6,670	0.1	0.1	56.5 1/	43.9 1/
7. Spanish Origin	108,893	57,496	0.9	0.9	56.1	33.3
8. Minority Group*	1,165,070	617,755	9.9	10.1	57.0	46.2

1/ Includes American Indian and Oriental 2/ Less than 0.05%.

Notes: NA= Not available

*Sum of Spanish Origin and all races except white. Some duplication possible since Spanish Origin may include nonwhite races.

Sum of individual items may not equal totals because of rounding.

Source: Census of Population 1970.

Table 2.

Pennsylvania

Civilian Noninstitutional Population 16 Years and Over
By Race, Sex, and Age: 1979 Annual Average
(In thousands)

Characteristics	Total		White		Nonwhite	
	Number	%	Number	%	Number	%
Total, 16 years and over	8895.0	100.0	8127.0	91.4	767.0	8.6
Male, 20 years and over	3742.0	100.0	3457.0	92.4	284.0	7.6
Female, 20 years & over	4274.0	100.0	3899.0	91.2	376.0	8.8
Both sexes, 16-19 years	879.0	100.0	772.0	87.8	107.0	12.2

NOTE: Items may not add to totals due to rounding.

Table 3.

PENNSYLVANIA CIVILIAN NONINSTITUTIONAL
POPULATION BY AGE, RACE, SEX, AND SPANISH ORIGIN
FOR 1976
(Data in thousands)

CHARACTERISTICS	AGE (Years)					
	TOTAL ALL AGES	%	UNDER 16 YEARS	%	16 YEARS AND OVER	%
ALL RACES						
Total	11,669.0	100.0	2,988.0	100.0	8,681.0	100.0
(%)	(100.0)		(25.6)		(74.4)	
Male	5,655.0	48.5	1,593.0	53.3	4,062.0	46.8
(%)	(100.0)		(28.2)		(71.8)	
Female	6,014.0	51.5	1,395.0	46.7	4,619.0	53.2
(%)	(100.0)		(23.2)		(76.8)	
White	10,596.0	90.8	2,634.0	88.1	7,962.0	91.7
(%)	(100.0)		(24.9)		(75.1)	
Male	5,147.0	44.1	1,388.0	46.5	3,759.0	43.3
(%)	(100.0)		(27.0)		(73.0)	
Female	5,449.0	46.7	1,246.0	41.7	4,203.0	48.4
(%)	(100.0)		(22.9)		(77.1)	
Black	1,021.0	8.8	335.0	11.2	686.0	7.9
(%)	(100.0)		(32.8)		(67.2)	
Male	477.0	4.1	194.0	6.5	283.0	3.3
(%)	(100.0)		(40.7)		(59.3)	
Female	543.0	4.7	141.0	4.7	402.0	4.6
(%)	(100.0)		(26.0)		(74.0)	
Other	52.0	0.4	19.0	0.7	33.0	0.4
(%)	(100.0)		(36.5)		(63.5)	
Male	31.0	0.3	11.0	0.4	20.0	0.2
(%)	(100.0)		(35.5)		(64.5)	
Female	22.0	0.1	8.0	0.3	14.0	0.2
(%)	(100.0)		(36.4)		(63.6)	
SPANISH ORIGIN 1/						
Total	125.0	1.1	61.0	2.0	64.0	0.7
(%)	(100.0)		(48.8)		(51.2)	
Male	58.0	0.5	31.0	1.0	27.0	0.3
(%)	(100.0)		(53.4)		(46.6)	
Female	66.0	0.6	30.0	1.0	36.0	0.4
(%)	(100.0)		(45.5)		(54.5)	

1/ Persons of Spanish origin are those who indicated that their origin was Mexican, Puerto Rican, Cuban, Central or South American, or some other Spanish origin. Persons of Spanish origin may be of any race.

Data may not add to totals due to rounding.

Table 4.

Pennsylvania Labor Force Participating Rates [1/]
By Sex, Age, and Race: 1971 through 1979

	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	57.3	57.6	58.5	58.5	58.4	58.2	58.6	59.3	59.5
Males, 16+ years				76.9	76.2	75.3	75.6	75.7	74.7
Females, 16+ yrs.				42.2	42.5	43.1	43.7	45.0	46.0
Males, 20+ years					78.6	77.8	77.9	77.8	77.1
Females, 20+ yrs.					41.8	42.3	43.0	44.3	45.5
Both sexes, 16-19					52.9	52.8	53.6	54.4	53.0
White	57.3	57.7	58.6	58.9	60.0	58.8	59.1	59.7	59.8
Males, 16+ yrs.				77.6	77.0	76.2	76.5	76.4	75.3
Females, 16+ yrs.				42.0	42.7	43.4	43.7	45.0	45.7
Males, 20+ yrs.	80.9	80.7	80.5	79.9	79.2	78.5	78.5	78.3	77.4
Females, 20+ yrs.	38.7	38.7	40.2	41.2	41.8	42.3	42.9	44.1	45.0
Both sexes, 16-19	48.0	51.6	53.6	53.3	54.9	54.5	55.2	56.3	55.6
Black & other races	57.4	56.6	57.6	54.8	51.4	51.0	53.3	55.1	57.1
Males, 16+ yrs.				68.0	65.3	64.0	65.3	67.2	68.0
Females, 16+ yrs.				44.6	40.3	40.4	44.0	45.6	48.6
Males, 20+ yrs.	77.2	76.2	77.1	72.5	70.0	67.8	69.8	71.5	74.3
Females, 20+ yrs.	46.0	46.8	47.9	46.0	41.7	41.9	44.5	47.3	50.8

1/ Percent of the civilian noninstitutional population 16 years and over in the civilian labor force.

SOURCE: 1971 through 1978 data from U.S. Department of Labor, Geographic Profile of Employment and Unemployment.

1979 data development primarily from Current Population Survey conducted by U.S. Bureau of the Census for the U.S. Department of Labor.

PENNSYLVANIA LABOR FORCE CHARACTERISTICS

EMPLOYMENT AND UNEMPLOYMENT BY SEX, AGE, MINORITY, AND VETERAN STATUS

Annual Average 1979

Sex, Age, Minority, and Veteran Status	Labor Force	Employed	Unemployed	Percent Distribution Labor Force	Employed	Unemployed	Unemployment Rate
Both Sexes							
1. Total	5,296,000	4,930,000	366,000	100.0	100.0	100.0	6.9%
2. White	4,858,000	4,564,000	295,000	91.7	92.6	80.6	6.1
3. Black	418,800	350,200	68,600	7.9	7.1	18.7	16.4
4. Other Races	19,200	16,800	2,400	0.4	0.3	0.7	12.5
5. Spanish Origin 1/	37,400	32,400	5,000	0.7	0.7	1.4	13.4
6. Minority Group 2/	475,400	399,400	76,000	9.0	8.1	20.8	16.0
7. Vietnam-Era Veteran 3/	389,500	371,600	17,900	7.4	7.5	4.9	4.6
Age							
8. 16 to 19 years	466,000	373,000	93,000	8.8	7.6	25.4	20.0
9. 20 to 21 years	289,500	254,200	35,300	5.5	5.2	9.6	12.2
Female							
10. Total	2,164,000	1,997,000	167,000	100.0	100.0	100.0	7.7
11. Percent of Both Sexes	40.9	40.5	45.6	—	—	—	—
12. White	1,955,000	1,821,000	135,000	90.3	91.2	80.0	6.9
13. Black	201,600	170,400	31,200	9.3	8.5	18.7	15.5
14. Other Races	7,400	6,600	800	0.4	0.3	0.5	10.8
15. Spanish Origin 1/	15,900	13,400	2,500	0.7	0.7	.5	15.7
16. Minority Group 2/	224,900	190,400	34,500	10.4	9.5	20.7	15.3

Footnotes:

1/ Persons of Spanish Origin are of Mexican, Puerto Rican, Cuban, Central or Sout American, or some other Spanish origin.

2/ Sum of black, other races, and Spanish origin.

3/ Data limited to veterans ages 20 to 34 years. Vietnam-Era veterans are those who served between August 5, 1964, and May 7, 1975.

All data on 1979 benchmarks.
Items may not add to totals due to rounding

Table 5.

Table 6.

PENNSYLVANIA/UNITED STATES

UNEMPLOYMENT RATES FOR SELECTED DEMOGRAPHIC GROUPS
1974 thru 1979 Annual Averages

PENNSYLVANIA

	1974	1975	1976	1977	1978	1979
Total, 16 years and over	5.1%	8.3%	7.9%	7.7%	6.9%	6.9%
White	4.7	7.6	7.3	6.8	6.1	6.1
Non-White	11.5	15.8	17.0	19.4	17.5	16.2
Male, 20 years and over	3.6	7.0	6.7	6.4	5.3	5.2
Female, 20 years and over	4.7	7.1	7.0	7.2	6.6	6.3
Both Sexes, 16-19 years	16.3	20.6	18.4	18.0	18.0	20.0

UNITED STATES

	1974	1975	1976	1977	1978	1979
Total, 16 years and over	5.6%	8.5%	7.7%	7.0%	6.0%	5.8%
White	5.0	7.8	7.0	6.2	5.2	5.1
Non-White	9.9	13.9	13.1	13.1	11.9	11.3
Male, 20 years and over	3.8	6.7	5.9	5.2	4.2	4.1
Female, 20 years and over	5.5	8.0	7.4	7.0	6.0	5.7
Both Sexes, 16-19 years	16.0	19.9	19.0	17.7	16.3	16.1

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

Occupations of Employed Persons, by Sex and Minority Status, 1970 and 1979
(Vertical Percent Distribution)

Occupation	BOTH SEXES						FEMALE					
	Total	White	Black	Other Races	Spanish Origin	Minority Group*	Total	White	Black	Other Races	Spanish Origin	Minority Group*
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Total--Number 1979	4,930,000	4,564,000	350,200	16,800	32,400	399,400	1,997,000	1,821,000	170,400	6,600	13,400	190,400
Number 1970	4,536,903	4,175,337	348,969	12,597	27,345	389,111	1,681,550	1,518,379	157,821	5,350	9,365	172,536
Percent 1970	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Prof., technical & related	13.8	14.2	7.9	35.7	5.5	8.8	14.4	14.8	9.9	31.7	9.3	10.5
Engineers	1.5	1.6	0.2	5.4	0.3	0.4	NA	NA	NA	NA	NA	NA
Medical & health workers	2.4	2.4	1.6	13.9	1.0	1.9	4.3	4.4	2.6	19.5	2.7	3.2
Teachers, elem. & sec. schools	3.0	3.1	1.8	2.1	1.3	1.8	5.3	5.6	3.1	3.2	2.4	3.0
Other professionals	6.9	7.1	4.3	14.4	2.8	4.6	4.7	4.8	4.2	9.0	4.2	4.3
Nonfarm managers & admrs.	7.0	7.3	2.4	3.7	1.5	2.4	2.8	2.9	1.4	1.4	1.7	1.4
Sales	7.0	7.3	2.7	3.1	3.4	2.8	7.7	8.2	3.2	3.4	2.9	3.2
Retail stores	4.2	4.4	2.0	2.0	2.5	2.0	6.8	7.2	2.8	3.0	2.3	2.8
Other sales workers	2.7	2.9	0.8	1.1	0.9	0.7	0.9	1.0	0.4	0.4	0.5	0.4
Clerical	17.3	17.4	17.4	12.1	7.6	16.9	32.9	33.6	26.5	18.9	14.5	26.0
Secs., stenos., typists	5.1	5.2	3.3	2.6	1.5	3.2	13.1	13.7	6.9	5.7	4.4	6.8
Other clerical workers	12.3	12.1	14.1	9.5	6.1	13.7	19.8	19.9	19.6	13.2	10.1	19.2
Craftsmen, foremen & related	14.9	15.4	9.5	7.4	11.1	9.4	1.8	1.8	1.4	1.5	3.1	1.4
Construction craftsmen	3.6	3.7	2.0	1.5	2.1	2.0	NA	NA	NA	NA	NA	NA
Mechanics & repairmen	3.3	3.4	1.8	1.7	2.6	1.8	NA	NA	NA	NA	NA	NA
Machinists & other metal craftsmen	1.8	1.9	0.9	0.8	1.3	0.9	NA	NA	NA	NA	NA	NA
Other craftsmen	6.2	6.4	4.8	3.4	5.2	4.7	NA	NA	NA	NA	NA	NA
Operatives, except transport	17.7	17.6	19.6	16.3	41.9	20.1	19.8	19.8	19.6	21.8	55.1	20.4
Durable goods mfg.	7.7	7.7	7.0	4.7	14.7	7.1	4.7	4.8	3.9	4.9	7.6	4.0
Nondurable goods mfg.	7.0	6.9	8.0	7.4	23.5	8.4	12.9	13.0	11.2	12.8	44.6	11.9
Nonmanufacturing	3.1	3.0	4.6	4.2	3.7	4.6	2.2	2.0	4.5	4.2	2.9	4.4
Transport equip. operatives	4.1	4.0	5.0	2.0	3.1	4.8	0.3	0.4	0.2	0.1	0.3	0.2
Laborers, nonfarm	4.9	4.5	8.7	3.2	9.7	8.5	1.0	1.0	1.2	0.5	1.1	1.1
Service workers exc. priv. households	10.9	10.1	20.3	13.4	12.4	19.8	16.0	15.2	23.7	16.0	10.6	23.3
Cleaning & food service	6.0	5.7	9.8	7.8	8.5	9.7	8.8	8.7	9.7	8.6	4.4	9.5
Protective service	1.2	1.2	1.6	0.8	0.4	1.5	0.3	0.3	0.4	0.3	0.0	0.3
Personal, health & other services	3.6	3.2	9.0	4.8	3.4	8.6	6.9	6.2	13.7	7.2	6.2	13.4
Private household workers	1.1	0.7	5.8	2.1	0.3	5.5	2.8	1.8	12.3	4.2	0.9	11.8
Farm workers	1.4	1.5	0.7	1.0	3.5	0.8	0.5	0.5	0.6	0.4	0.5	0.6

Notes: NA= Not available
* Sum of Spanish Origin and all races except white. Some duplication possible since Spanish Origin may include nonwhite races.
Sum of individual items may not equal totals because of rounding.
Sources: Census of Population, 1970 and Pennsylvania Office of Employment Security.

PENNSYLVANIA LABOR FORCE CHARACTERISTICS

OCCUPATION OF EMPLOYED PERSONS, BY SEX AND MINORITY STATUS: 1970 CENSUS
(Horizontal Percent Distribution)

Occupation	BOTH SEXES						FEMALE					
	Total	White	Black	Other Races	Spanish Origin 1/	Minority Group 2/	Total	White	Black	Other Races	Spanish Origin 1/	Minority Group 2/
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
TOTAL	100.00	92.03	7.69	0.28	0.61	8.58	37.06	33.47	3.47	0.12	0.21	3.82
Prof., technical & related	100.00	94.87	4.41	0.72	0.24	5.37	38.71	35.95	2.49	0.27	0.14	2.90
Engineers	100.00	97.93	1.07	1.00	0.14	2.21	NOT AVAILABLE					
Medical & health workers	100.00	93.43	4.97	1.60	0.26	6.83	66.48	61.71	3.81	0.96	0.23	4.00
Teachers, elem. & sec. schools	100.00	95.16	4.64	0.19	0.26	5.09	65.61	61.97	3.51	0.12	0.16	3.79
Other professionals	100.00	94.58	4.84	0.58	0.25	5.67	25.51	23.25	2.11	0.15	0.13	2.39
Nonfarm managers & admrs.	100.00	97.17	2.68	0.15	0.13	2.96	14.68	13.94	0.72	0.02	0.05	0.79
Sales	100.00	96.85	3.03	0.12	0.30	3.45	41.02	39.38	1.58	0.06	0.08	1.72
Retail stores	100.00	96.27	3.60	0.13	0.37	4.10	59.69	57.33	2.27	0.08	0.11	2.46
Other sales workers	100.00	97.74	2.15	0.11	0.20	2.46	12.27	11.74	0.52	0.02	0.04	0.58
Clerical	100.00	92.08	7.72	0.20	0.26	8.18	70.35	64.91	5.32	0.13	0.17	5.62
Secs., stenos., typists	100.00	94.88	4.98	0.14	0.18	5.30	95.83	90.95	4.75	0.13	0.17	5.05
Other clerical workers	100.00	90.93	8.85	0.22	0.30	9.37	59.86	54.19	5.55	0.13	0.18	5.86
Crafts and Kindred Workers	100.00	94.98	4.88	0.14	0.45	5.47	4.48	4.14	0.33	0.01	0.04	0.38
Construction crafts workers	100.00	95.50	4.38	0.12	0.35	4.85						
Mechanics & repairers	100.00	95.65	4.20	0.15	0.48	4.83	NOT AVAILABLE					
Machinists & other metal crafts workers	100.00	96.22	3.66	0.12	0.42	4.20						
Other crafts workers	100.00	93.96	5.89	0.15	0.51	6.55						
Operatives, except transport	100.00	91.26	8.48	0.26	1.43	10.17	41.40	37.42	3.84	0.14	0.64	4.62
Durable goods mfg.	100.00	92.85	6.98	0.17	.16	8.31	22.81	20.96	1.77	0.07	.20	2.04
Nondurable goods mfg.	100.00	90.90	8.81	0.29	2.04	11.14	68.24	62.44	5.59	0.22	1.32	7.13
Nonmanufacturing	100.00	88.15	11.47	0.38	0.73	12.58	26.88	21.71	5.01	0.16	0.19	5.36
Transport equip. operatives	100.00	90.47	9.43	0.14	0.46	10.03	3.10	2.90	0.19	0.00	0.02	0.21
Laborers, nonfarm	100.00	86.08	13.73	0.19	1.22	15.14	7.46	6.62	0.83	0.01	0.05	0.89
Service workers exc. priv. households	100.00	85.26	14.39	0.34	0.69	15.42	54.52	46.74	7.61	0.17	0.20	7.98
Cleaning & food service	100.00	87.11	12.53	0.36	0.86	13.75	54.50	48.75	5.59	0.17	0.15	5.91
Protective service	100.00	90.08	9.74	0.18	0.22	10.14	7.94	6.91	1.00	0.03	0.00	1.03
Personnel, health & other services	100.00	80.53	19.10	0.37	0.58	20.05	70.58	57.10	13.24	0.23	0.36	13.83
Private household workers	100.00	57.85	41.61	0.54	0.19	42.34	96.84	56.15	40.22	0.47	0.18	40.87
Farm workers	100.00	95.95	3.86	0.19	1.47	5.52	12.76	11.34	1.38	0.04	0.07	1.49

Footnotes appear on page 10

PENNSYLVANIA

Employment Status by Occupation: 1978 Annual Average

Table 9.

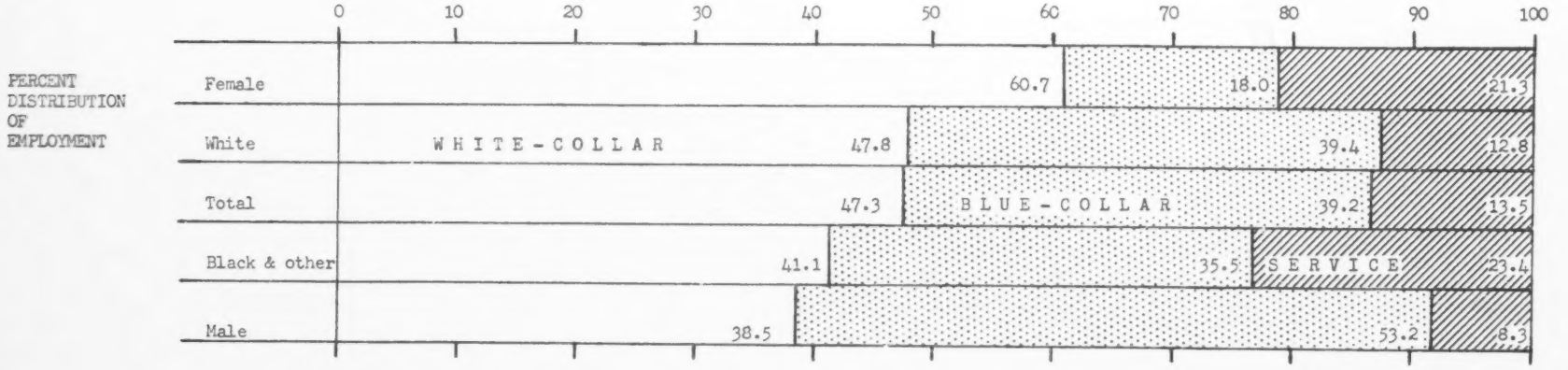
	Total Employed	White-collar workers					Blue-collar workers					Service Workers	Farm Workers
		Total	Professional and Technical	Managers and administrators except farm	Sales Workers	Clerical Workers	Total	Craft and Kindred Workers	Operatives except Transport	Transport Equipment Operatives	Nonfarm Laborers		
Employment	4,888,000	2,314,000	718,000	454,000	287,000	854,000	1,849,000	696,000	681,000	199,000	273,000	658,000	67,000
Unemployment	364,000	92,000	22,000	9,000	16,000	44,000	159,000	46,000	61,000	13,000	39,000	60,000	2,000
Unemployment Rate	6.9	3.8	3.0	2.0	5.3	4.9	7.9	6.1	8.2	6.3	12.5	8.3	3.5

Occupational Percentage distribution by Sex and Race: 1978 Annual Average

Total	100.0	47.3	14.7	9.3	5.9	17.5	37.8	14.2	13.9	4.1	5.6	13.5	1.4
Male	100.0	38.4	14.4	12.0	5.3	6.8	51.5	22.5	14.3	6.4	8.4	8.3	1.7
Female	100.0	60.7	15.1	5.3	6.7	33.6	17.2	1.8	13.5	1/	1.3	21.3	1/
Both Sexes													
White	100.0	47.8	14.8	9.6	6.1	17.3	38.0	14.5	13.9	4.1	5.5	12.8	1.5
Black & other races	100.0	41.1	13.6	5.0	2.2	20.3	35.5	10.1	14.6	4.2	6.3	23.4	1/

1/ Less than 1.0 percent

NOTES: Items may not add to toals because of rounding.
Unemployed persons with no previous work experience are not shown separately but are included in total.



NOTE: Farm workers are included in Blue-collar.

Table 10 Last Occupation of the Experienced Unemployed, by Sex and Minority Status

Occupation	BOTH SEXES							FEMALE							
	Total	White	Black	Other Races	Span. Orig.	Minority Group*		Total	Female as a percent of both Sexes	White	Black	Other Races	Span. Orig.	Minority Group*	
						Total	Percent of all Races							Total	Percent of Total Minority
Total	162,714	139,836	22,370	508	1913	23,667	14.5	65,253	40.1	55,638	9,416	199	546	9,827	41.5
Percent of Total	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	—	100.0	100.0	100.0	100.0	100.0	—
Professional, technical & related	7.9	8.6	3.4	20.7	3.8	3.8	6.9	7.7	39.1	8.3	4.3	25.6	2.3	4.7	51.1
Sales	5.6	5.9	3.5	2.2	1.8	3.4	9.0	8.4	60.5	9.1	5.0	2/	2/	4.8	57.5
Clerical	12.4	12.2	13.8	18.9	7.7	13.7	16.1	22.6	73.0	22.6	22.3	36.7	13.7	22.4	67.8
Craftsmen, foremen & related	15.8	16.3	9.9	11.6	9.0	9.9	9.1	1.9	4.8	2.0	1.6	2/	2/	1.5	6.5
Operatives	29.9	30.0	29.4	24.0	43.1	29.7	14.5	32.9	44.1	33.3	31.0	23.1	69.3	31.6	44.2
Nonfarm Laborers	11.8	11.3	15.1	6.5	14.8	14.9	18.3	1.8	6.1	1.7	2.3	2/	2/	2.2	6.2
Service, except private households	11.3	10.3	17.5	12.2	12.4	17.2	22.2	15.1	53.6	14.2	20.4	7.0	11.8	19.9	48.1
Service, private households	1.0	0.7	3.1	2.9	2/	3.0	43.4	2.4	95.8	1.6	7.2	7.5	2/	7.1	97.2
Farm workers	0.7	0.7	0.8	0.0	4.9	0.9	18.8	0.2	11.5	0.2	0.3	2/	2.8	0.3	14.8
Last worked 1959 or earlier 1/	3.5	3.5	3.5	1.0	2.4	3.4	14.0	6.9	78.1	7.1	5.6	2/	2/	5.4	66.1

NOTES: *Sum of Spanish Origin and all races except white. Some duplication possible since Spanish Origin may include nonwhite races.
Sum of individual items may not equal totals because of rounding.

1/ Occupation not available.

2/ Less than 0.05%

SOURCE: U. S. Census of Population 1970 - Pennsylvania, Vol. PC(1) - 40D, U. S. Bureau of Census

STATE OF PENNSYLVANIA

Table 11 Occupation of the Insured Unemployed at Local Offices of the Pennsylvania State Employment Service, by Sex and Minority Status: 1979 Annual Averages

Major Occupational Group	Total	FEMALE		MINORITY GROUP	
		Number	Percent of Total	Number	Percent of Total
Total	187,804	73,328	39.0	24,151	12.9
Professional, Technical & Managerial	18,359	7,218	39.3	2,174	11.8
Clerical	24,509	18,050	73.6	3,695	15.1
Sales	9,205	4,322	47.0	555	6.0
Service	16,737	9,537	57.0	3,816	22.8
Processing	9,208	2,597	28.2	1,401	15.2
Machine Trades	13,458	3,372	25.1	1,377	10.2
Bench Work	25,951	19,875	76.6	2,874	11.1
Structural Work	40,669	1,631	4.0	3,985	9.8
Farming, Fishing & Forestry	2,647	335	12.7	193	7.3
Miscellaneous	27,061	6,391	23.6	4,081	15.1

SOURCE: Pennsylvania Office of Employment Security

Table 12

UNITED STATES AND PENNSYLVANIA
MAJOR CHARACTERISTICS OF THE BLACK POPULATION AND PERSONS OF SPANISH ORIGIN
Spring 1976
(Numbers in thousands)

Major characteristics - Black	United States	Pennsylvania
AGE		
Total persons	24,297	1,021
Percent		
Under 5 years	9.7	9.4
18 years old and over	61.0	62.7
65 years old and over	7.4	8.9
MARITAL STATUS		
Total persons, 14 years old and over	17,137	729
Percent	100.0	100.0
Married	39.2	30.9
Single	36.3	40.0
Widowed	8.8	10.8
Divorced	6.2	7.4
EDUCATIONAL ATTAINMENT		
Total persons, 18 years old and over	14,812	660
Percent:		
Less than 5 years of school completed	8.6	5.5
Completed 4 years of high school or more	49.3	48.4
EMPLOYMENT		
Total employed persons, 16 years old and over	8,229	295
Percent	100.0	100.0
White-collar workers	32.5	31.9
Blue-collar workers	38.6	37.8
Service workers	26.6	28.4
Farm workers	2.3	-
INCOME OF PERSONS		
Total persons, 14 years old and over with income	138	561
Percent:		
Income less than $5,000	55.8	54.2
Income of $25,000 or more	0.5	0.9
MEDIAN INCOME		
Male	$5,765	$6,503
Female	$3,273	$3,961
FAMILY RESIDENCE		
Total families	5,660	247
Percent	100.0	100.0
Metropolitan residence	79.1	97.8
Nonmetropolitan residence	20.9	2.2
FAMILY SIZE		
Total families	5,660	247
Percent	100.0	100.0
2 persons	30.2	37.3
3 persons	24.1	21.2
4 persons or more	45.7	41.5
FAMILY INCOME		
Percent:		
Less than $4,000	18.2	21.9
$15,000 or more	25.1	20.1
Median family income	$9,045	$8,066
POVERTY STATUS OF FAMILIES		
Total families below poverty level	1,462	71
Percent below poverty level	25.8	29.7

Major characteristics - Spanish	United States	Pennsylvania
AGE		
Total persons	11,196	125
Percent:		
Under 5 years	12.4	12.0
18 years and over	56.2	48.0
65 years and over	4.2	3.2
MARITAL STATUS		
Total persons, 14 years and over	7,262	69
Percent	100.0	100.0
Married	61.0	66.7
Single	29.7	24.6
Widowed	3.9	1.4
Divorced	5.4	7.2
EDUCATIONAL ATTAINMENT		
Total persons, 18 years and over	6,290	60
Percent:		
Less than 5 years of school completed	14.2	8.1
Completed 4 years of high school or more	44.9	33.9
EMPLOYMENT		
Total employed persons, 16 years and over	3,692	29
Percent	100.0	(B)
White-collar workers	32.7	(B)
Blue-collar workers	44.2	(B)
Service workers	18.5	(B)
Farm workers	4.7	(B)
INCOME OF PERSONS		
Total persons 14 years and over with income	5,530	52
Percent:		
Income less than $5,000	51.2	46.4
Income of $25,000 or more	1.3	3.2
Median income	$4,857	$5,318
FAMILY RESIDENCE		
Total families	2,523	32
Percent	100.0	(B)
Metropolitan residence	82.6	(B)
Nonmetropolitan residence	17.4	(B)
FAMILY SIZE		
Total families	2,523	32
Percent	100.0	(B)
2 persons	25.2	(B)
3 persons	21.6	(B)
4 or more persons	53.2	(B)
FAMILY INCOME		
Percent:		
Less than $4,000	14.4	(B)
$15,000 or more	25.0	(B)
POVERTY STATUS OF FAMILIES		
Total families below poverty level	558	14
Percent below poverty level	22.1	(B)

See footnotes on next page

FOOTNOTES

Population:		The estimated Black population and persons of Spanish origin excludes inmates of institutions and members of the Armed Forces, commonly referred to as the civilian noninstitutional population.
Persons of Spanish Origin:		Persons of Spanish origin are of Mexican, Puerto Rican, Cuban, Central or South American, or some other Spanish descent or origin. Persons of Spanish origin may be of any race.
Meaning of Symbols:	-	Represents zero or rounds to zero
	B	Base is less than approximately 60 sample cases

Source of Data: Demographic, Social, and Economic Profile of States: Spring 1976
U.S. Department of Commerce, Bureau of Census

UNITED STATES
1978 & 1979 Annual Averages

Table 13

Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status	Total		White		Black[1]		Hispanic origin[2]	
	1978	1979	1978	1979	1978	1979	1978	1979
TOTAL								
Civilian noninstitutional population	158,941	161,532	139,580	141,618	16,640	17,026	7,639	7,901
Civilian labor force	100,420	102,908	88,456	90,602	10,211	10,430	4,801	5,019
Percent of population	63.2	63.7	63.4	64.0	61.4	61.3	62.8	63.5
Employment	94,373	96,945	83,836	86,025	8,925	9,160	4,366	4,604
Agriculture	3,342	3,297	3,034	2,999	245	241	221	221
Nonagricultural industries	91,031	93,648	80,802	83,026	8,680	8,919	4,145	4,384
Unemployment	6,047	5,963	4,620	4,577	1,286	1,269	435	415
Unemployment rate	6.0	5.8	5.2	5.1	12.6	12.2	9.1	8.3
Not in labor force	58,521	58,623	51,124	51,011	6,430	6,596	2,838	2,883
Males, 20 years and over								
Civilian noninstitutional population	67,006	68,293	59,510	60,567	6,397	6,563	3,107	3,226
Civilian labor force	53,464	54,486	47,733	48,583	4,856	4,981	2,639	2,753
Percent of population	79.8	79.8	80.2	80.2	75.9	75.9	84.9	85.3
Employment	51,212	52,264	45,977	46,854	4,415	4,529	2,473	2,595
Agriculture	2,361	2,350	2,120	2,122	196	187	167	170
Nonagricultural industries	48,852	49,913	43,857	44,733	4,217	4,343	2,306	2,425
Unemployment	2,252	2,223	1,757	1,728	443	452	166	158
Unemployment rate	4.2	4.1	3.7	3.6	9.1	9.1	6.3	5.7
Not in labor force	13,541	13,807	11,777	11,984	1,541	1,580	468	473
Females, 20 years and over								
Civilian noninstitutional population	75,489	76,860	66,146	67,206	8,022	8,242	3,486	3,614
Civilian labor force	37,416	38,910	32,233	33,545	4,447	4,562	1,643	1,731
Percent of population	49.6	50.6	48.7	49.9	55.4	55.4	47.1	47.9
Employment	35,180	36,698	30,547	31,876	3,953	4,068	1,481	1,576
Agriculture	586	591	545	546	28	34	31	28
Nonagricultural industries	34,593	36,107	30,002	31,330	3,926	4,033	1,450	1,549
Unemployment	2,236	2,213	1,686	1,669	493	494	162	154
Unemployment rate	6.0	5.7	5.2	5.0	11.1	10.8	9.8	8.9
Not in labor force	38,073	37,949	33,913	33,662	3,575	3,681	1,843	1,883
Both sexes, 16-19 years								
Civilian noninstitutional population	16,447	16,379	13,924	13,841	2,221	2,221	1,046	1,061
Civilian labor force	9,540	9,512	8,490	8,475	907	886	519	535
Percent of population	58.0	58.1	61.0	61.2	40.8	39.9	49.6	50.4
Employment	7,981	7,984	7,312	7,295	557	563	412	433
Agriculture	395	356	359	332	20	19	23	23
Nonagricultural industries	7,586	7,628	6,943	6,963	537	543	389	410
Unemployment	1,559	1,528	1,178	1,181	351	323	107	102
Unemployment rate	16.3	16.1	13.9	13.9	38.6	36.5	20.6	19.1
Not in labor force	6,907	6,867	5,435	5,365	1,314	1,335	527	527

[1] Data relate to black workers only. According to the 1970 Census, they comprised about 89 percent of the "black and other" population group.

[2] Data on persons of Hispanic origin are tabulated separately, without regard to race, which means that they are also included in the data for white and black workers. At the time of the 1970 Census, approximately 96 percent of their population was white.

Source: Employment and Earnings, January 1980
U.S. Department of Labor, Bureau of Labor Statistics

UNITED STATES
1978 and 1979 Annual Averages

Table 14

Employment status of the population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
Total												
Civilian noninstitutional population	107,391	109,969	45,323	46,014	62,068	63,955	51,550	51,563	4,827	4,594	46,723	46,969
Civilian labor force	68,738	71,192	28,108	28,803	40,630	42,390	31,682	31,716	3,032	2,926	28,650	28,790
Percent of population	64.0	64.7	62.0	62.6	65.5	66.3	61.5	61.5	62.8	63.7	61.3	61.3
Employed	64,529	67,029	26,029	26,759	38,499	40,269	29,844	29,916	2,952	2,859	26,892	27,057
Unemployed	4,210	4,163	2,079	2,044	2,131	2,120	1,837	1,800	79	68	1,758	1,732
Unemployment rate	6.1	5.8	7.4	7.1	5.2	5.0	5.8	5.7	2.6	2.3	6.1	6.0
Not in labor force	38,653	38,777	17,215	17,211	21,437	21,566	19,869	19,847	1,795	1,668	18,073	18,179
Males, 20 years and over												
Civilian noninstitutional population	45,158	46,304	18,660	18,963	26,499	27,341	21,848	21,990	2,180	2,099	19,668	19,891
Civilian labor force	36,459	37,417	14,484	14,776	21,975	22,640	17,005	17,069	1,807	1,741	15,198	15,328
Percent of population	80.7	80.8	77.6	77.9	82.9	82.8	77.8	77.6	82.9	83.0	77.3	77.1
Employed	34,880	35,848	13,658	13,957	21,223	21,892	16,332	16,415	1,781	1,716	14,551	14,699
Unemployed	1,579	1,569	825	821	753	749	673	654	26	26	647	628
Unemployment rate	4.3	4.2	5.7	5.6	3.4	3.3	4.0	3.8	1.4	1.5	4.3	4.1
Not in labor force	8,699	8,886	4,176	4,187	4,523	4,700	4,842	4,921	372	358	4,470	4,563
Females, 20 years and over												
Civilian noninstitutional population	51,219	52,610	22,267	22,637	28,953	29,972	24,269	24,250	2,064	1,948	22,205	22,302
Civilian labor force	25,897	27,336	11,268	11,668	14,629	15,668	11,518	11,574	880	862	10,638	10,712
Percent of population	50.6	52.0	50.6	51.5	50.5	52.3	47.5	47.7	42.7	44.2	47.9	48.0
Employed	24,360	25,792	10,511	10,914	13,849	14,878	10,820	10,905	849	840	9,971	10,065
Unemployed	1,537	1,544	757	754	781	790	699	669	31	22	668	647
Unemployment rate	5.9	5.6	6.7	6.5	5.3	5.0	6.1	5.8	3.5	2.6	6.3	6.0
Not in labor force	25,322	25,274	10,999	10,969	14,323	14,305	12,751	12,676	1,184	1,087	11,567	11,589
Both sexes, 16-19 years												
Civilian noninstitutional population	11,014	11,056	4,397	4,413	6,617	6,642	5,433	5,323	583	546	4,850	4,777
Civilian labor force	6,382	6,439	2,356	2,358	4,026	4,081	3,158	3,073	344	323	2,814	2,750
Percent of population	57.9	58.2	53.6	53.4	60.8	61.4	58.1	57.7	59.0	59.1	58.0	57.6
Employed	5,289	5,388	1,860	1,889	3,428	3,499	2,692	2,595	321	303	2,371	2,292
Unemployed	1,093	1,051	496	469	597	581	466	477	22	19	444	458
Unemployment rate	17.1	16.3	21.1	19.9	14.8	14.2	14.7	15.5	6.5	6.0	15.8	16.7
Not in labor force	4,632	4,617	2,039	2,055	2,591	2,562	2,275	2,250	239	224	2,036	2,026
White												
Civilian noninstitutional population	92,782	94,587	34,856	35,200	57,926	59,387	46,798	47,027	4,509	4,340	42,289	42,687
Civilian labor force	59,566	61,489	21,732	22,218	37,834	39,272	28,890	29,113	2,859	2,791	26,031	26,322
Percent of population	64.2	65.0	62.3	63.1	65.3	66.1	61.7	61.9	63.4	64.3	61.6	61.7
Employed	56,464	58,423	20,491	21,003	35,973	37,421	27,372	27,602	2,796	2,734	24,576	24,868
Unemployed	3,102	3,066	1,241	1,215	1,861	1,851	1,518	1,511	63	57	1,455	1,454
Unemployment rate	5.2	5.0	5.7	5.5	4.9	4.7	5.3	5.2	2.2	2.0	5.6	5.5
Not in labor force	33,216	33,097	13,124	12,982	20,091	20,115	17,908	17,914	1,650	1,549	16,258	16,365
Black and other												
Civilian noninstitutional population	14,609	15,383	10,467	10,814	4,142	4,568	4,752	4,535	318	254	4,434	4,281
Civilian labor force	9,172	9,703	6,376	6,585	2,796	3,118	2,792	2,603	172	135	2,620	2,468
Percent of population	62.8	63.1	60.9	60.9	67.5	68.3	58.7	57.4	54.3	53.1	59.1	57.7
Employed	8,065	8,606	5,538	5,757	2,527	2,849	2,472	2,314	156	124	2,316	2,190
Unemployed	1,108	1,097	839	828	269	269	319	289	17	10	302	279
Unemployment rate	12.1	11.3	13.2	12.6	9.6	8.6	11.4	11.1	9.7	7.7	11.5	11.3
Not in labor force	5,437	5,680	4,091	4,230	1,346	1,450	1,961	1,932	145	119	1,816	1,813

Source: Employment and Earnings, Vol. 27, No. 1, January 1980
U.S. Department of Labor, Bureau of Labor Statistics

UNITED STATES
1979 ANNUAL AVERAGE

Table 15

Employed persons by detailed industry, sex, and race

(Numbers in thousands)

Industries	1979		
	Total employed	Percent of total	
		Females	Black and other
Total, 16 years and over	96,945	41.7	11.3
Agriculture, forestry, and fisheries	3,455	19.8	9.0
Agricultural production	2,759	18.8	8.8
Agricultural services, except horticultural	268	41.4	8.6
Horticultural services	271	8.5	11.8
Forestry	94	26.6	6.4
Fisheries	63	9.5	11.1
Mining	865	11.8	4.2
Metal mining	97	6.2	1.0
Coal mining	245	4.5	2.9
Crude petroleum and natural gas extraction	410	18.5	5.1
Nonmetallic mining and quarrying, except fuel	114	7.9	6.1
Construction	6,299	7.4	8.2
General building contractors	1,747	7.1	7.5
General contractors, except building	1,088	6.8	10.1
Special trade contractors	3,038	7.4	7.3
Not specified construction	426	9.6	11.5
Manufacturing	22,137	30.9	11.5
Durable goods	13,450	25.1	10.9
Lumber and wood products, except furniture	730	12.1	16.0
Logging	161	3.7	21.1
Sawmills, planing mills, and mill work	432	12.3	14.4
Miscellaneous wood products	137	21.9	15.3
Furniture and fixtures	567	34.0	8.8
Stone, clay, and glass products	706	19.4	12.3
Glass and glass products	221	29.4	15.4
Cement, concrete, gypsum, and plaster products	230	9.1	11.3
Miscellaneous nonmetallic mineral and stone products	176	17.6	7.4
Primary metal industries	1,262	11.7	15.1
Blast furnaces, steelworks, rolling and finishing mills	501	9.0	14.4
Other primary iron and steel industries	340	10.0	20.9
Primary aluminum industries	189	12.2	10.1
Other primary nonferrous industries	232	20.3	12.5
Fabricated metal products	1,495	19.9	9.7
Cutlery, hand tools and other hardware	177	33.9	13.6
Fabricated structural metal products	571	14.0	8.1
Screw machine products	105	21.0	5.7
Metal stamping	162	24.7	10.5
Miscellaneous fabricated metal products	478	19.9	10.9
Machinery, except electrical	2,747	19.8	6.9
Engines and turbines	125	14.4	4.8
Farm machinery and equipment	196	14.3	8.2
Construction and material handling machines	396	13.9	7.6
Metalworking machinery	387	16.5	5.7
Office and accounting machines	131	31.3	9.9
Electronic computing equipment	415	33.0	8.4
Machinery, except electrical, n.e.c	1,097	18.4	6.3
Electrical machinery, equipment, and supplies	2,293	43.0	10.3
Household appliances	158	40.5	8.9
Radio, T.V., and communication equipment	606	41.7	13.2
Electrical machinery, equipment, and supplies, n.e.c	1,519	43.8	9.4
Transportation equipment	2,298	16.6	14.1
Motor vehicles and motor vehicle equipment	1,238	17.4	15.8
Aircraft and parts	633	18.5	9.5
Ship and boat building and repairing	264	10.6	18.6
Mobile dwellings and campers	64	14.1	7.8
Professional and photographic equipment, and watches	584	45.0	7.9
Scientific and controlling instruments	186	43.0	8.6
Optical and health services supplies	223	54.7	5.8
Photographic equipment and supplies	136	27.9	9.6
Ordnance	202	27.7	8.4
Miscellaneous manufacturing industries	567	48.3	10.1
Nondurable goods industries	8,688	39.9	12.3
Food and kindred products	1,789	29.2	12.3
Meat products	396	31.1	14.9
Dairy products	205	19.5	6.8
Canning and preserving fruits, vegetables, and seafood	281	44.1	11.7
Grain-mill products	145	23.4	7.6
Bakery products	257	26.8	15.2
Confectionery and related products	80	51.3	21.3
Beverage industries	237	14.3	10.1
Miscellaneous food preparation and kindred products	187	30.5	12.3
Nondurable goods industries—Continued			
Tobacco manufactures	64	28.1	26.6
Textile mill products	823	46.4	15.4
Knitting mills	187	65.2	12.3
Yarn, thread, and fabric mills	480	42.9	18.1
Miscellaneous textile mill products	55	36.4	20.0
Apparel and other fabricated textile products	1,279	79.1	17.5
Apparel and accessories	1,119	81.4	17.4
Miscellaneous fabricated textile products	161	62.7	18.0
Paper and allied products	726	22.2	9.6
Pulp, paper, and paperboard mills	315	11.4	6.7
Miscellaneous paper and pulp products	210	35.2	11.0
Paperboard containers and boxes	201	25.4	12.9
Printing, publishing, and allied industries	1,507	38.8	8.7
Newspaper publishing and printing	472	36.7	7.4
Printing, publishing, and allied industries, except newspapers	1,035	39.8	9.3
Chemicals and allied products	1,217	25.4	11.7
Industrial chemicals	493	17.2	12.0
Plastics, synthetics and resins, except fibers	78	20.5	11.5
Synthetic fibers	82	25.6	11.0
Drugs and medicines	181	40.3	9.9
Soaps and cosmetics	149	43.6	11.4
Paints, varnishes, and related products	77	22.1	12.7
Agricultural chemicals	57	26.3	17.5
Miscellaneous chemicals	99	18.2	17.2
Petroleum and coal products	256	16.1	11.8
Petroleum refining	225	16.9	11.1
Rubber and miscellaneous plastic products	731	34.2	10.3
Rubber products	323	25.7	9.9
Miscellaneous plastic products	408	40.9	10.3
Leather and leather products	275	63.3	8.4
Footwear, except rubber	191	67.0	7.3
Leather products, except footwear	66	63.6	7.6
Transportation, communications, and other public utilities	6,406	24.4	12.7
Transportation	3,706	19.2	13.8
Railroads and railway express service	605	6.3	9.1
Street railways and bus lines	534	37.1	21.9
Taxicab service	114	13.2	30.7
Trucking service	1,407	10.2	9.3
Warehousing and storage	148	23.6	12.8
Water transportation	190	11.6	19.5
Air transportation	492	30.3	12.2
Services incidental to transportation	197	55.3	9.1
Communications	1,371	47.3	12.7
Radio broadcasting and television	180	35.0	10.6
Telephone (wire and radio)	1,122	50.0	13.4
Telegraph and miscellaneous communications services	70	35.7	7.1
Utilities and sanitary services	1,328	15.2	12.7
Electric light and power	560	14.5	11.1
Electric-gas utilities	174	20.1	10.3
Gas and steam supply systems	154	20.8	7.8
Water supply	169	16.6	21.8
Sanitary services	227	7.0	22.5
Wholesale and retail trade	19,672	46.0	8.3
Wholesale trade	3,775	25.5	7.7
Motor vehicles and equipment	250	22.0	7.2
Drugs, chemicals, and allied products	191	29.3	5.8
Dry goods and apparel	106	40.6	10.4
Food and related products	564	24.3	10.5
Farm products—raw materials	129	25.6	6.2
Electrical goods	216	29.2	7.4
Hardware, plumbing, and heating supplies	172	22.7	7.0
Machinery equipment and supplies	839	24.6	4.9
Metals and minerals, n.e.c	120	22.5	10.0
Petroleum products	179	25.7	5.6
Scrap and waste materials	117	8.5	15.4
Alcoholic beverages	124	18.5	9.7
Paper and its products	102	27.5	5.9
Lumber and construction materials	167	18.0	6.6
Wholesalers, n.e.c	491	34.0	9.2
Retail trade	15,898	50.8	8.4
Lumber and building material retailing	476	22.3	5.3
Hardware and farm equipment stores	311	29.3	3.5
Department and mail order establishments	2,048	69.3	10.4

(continued on next page)

UNITED STATES
1979 ANNUAL AVERAGE

Table 15 (continued)

Employed persons by detailed industry, sex, and race—Continued

(Numbers in thousands)

Industries	1979		
	Total employed	Percent of total	
		Females	Black and other
Wholesale and retail trade—Continued			
Retail trade—Continued			
Limited price variety stores	177	75.1	8.5
Vending machine operators	74	35.1	5.4
Direct selling establishments	332	77.4	4.8
Miscellaneous general merchandise stores	195	67.7	6.2
Grocery stores	2,114	44.7	8.2
Dairy products stores	46	58.7	6.5
Retail bakeries	135	63.7	6.7
Food stores, n.e.c	175	50.9	9.1
Motor vehicle dealers	944	14.7	5.7
Tire, battery, and accessory dealers	340	16.5	5.9
Gasoline service stations	600	13.7	6.2
Miscellaneous vehicle dealers	123	21.1	3.3
Apparel and accessory stores, except shoe stores	696	76.6	7.9
Shoe stores	134	50.0	7.5
Furniture and home furnishings stores	480	35.6	5.2
Household appliances, T.V., and radio stores	282	26.2	4.6
Eating and drinking places	4,131	60.7	11.5
Drug stores	445	62.9	7.2
Liquor stores	145	30.3	13.8
Farm and garden supply stores	160	30.0	3.8
Jewelry stores	148	60.1	10.8
Fuel and ice dealers	111	20.7	3.6
Retail florists	145	66.9	4.8
Miscellaneous retail stores	917	57.7	6.3
Finance, insurance, and real estate	5,779	57.6	9.3
Banking	1,563	71.0	11.3
Credit agencies	510	67.6	6.3
Security, commodity brokerage, and investment companies	294	39.5	7.1
Insurance	1,839	56.0	9.2
Real estate, including real estate-insurance-law offices	1,573	46.3	8.6
Service industries	27,275	61.2	13.9
Business and repair services	3,632	32.2	10.7
Advertising	167	43.7	4.8
Services to dwellings and other buildings	370	35.4	26.2
Commercial research, development, and testing labs	144	27.8	4.9
Employment and temporary help agencies	210	70.5	13.3
Business management and consulting services	281	52.0	6.0
Computer programming services	190	38.4	12.1
Detective and protective services	209	18.2	18.2
Business services, n.e.c	629	53.7	8.9

Industries	1979		
	Total employed	Percent of total	
		Females	Black and other
Service industries—Continued			
Business and repair services—Continued			
Automobile services, except repair	222	22.5	14.0
Automobile repair and related services	711	9.3	8.2
Electrical repair shops	139	12.9	4.3
Miscellaneous repair services	360	14.2	5.0
Personal services	3,800	73.7	20.8
Private households	1,301	88.1	31.4
Hotels and motels	720	58.9	23.1
Lodging places, except hotels and motels	376	77.9	8.5
Laundering, cleaning, and other garment services	369	59.6	24.1
Beauty shops	586	88.7	9.7
Barber shops	112	15.2	14.3
Dressmaking shops	43	93.0	9.3
Miscellaneous personal services	276	48.9	6.2
Entertainment and recreation services	1,026	38.4	8.8
Theaters and motion pictures	339	35.1	8.0
Bowling alleys, billiard and pool parlors	84	36.9	4.8
Miscellaneous entertainment and recreation services	603	40.5	9.8
Professional and related services	18,817	65.6	13.4
Offices of physicians	755	66.5	4.5
Offices of dentists	385	67.8	3.4
Hospitals	3,843	76.5	19.4
Convalescent institutions	1,035	88.3	18.4
Offices of health practitioners, n.e.c	84	58.3	3.6
Health services, n.e.c	747	70.8	15.9
Legal services	686	49.6	3.5
Elementary and secondary schools	5,368	70.9	13.0
Colleges and universities	2,048	48.9	12.1
Libraries	155	82.6	9.7
Educational services, n.e.c	280	67.5	8.2
Museums, art galleries, and zoos	53	56.6	13.2
Religious organizations	617	40.4	7.9
Welfare services	795	72.2	25.9
Residential welfare facilities	124	66.9	14.5
Nonprofit membership organizations	434	55.8	10.8
Engineering and architectural services	526	19.2	6.1
Accounting, auditing, and bookkeeping services	464	46.1	4.7
Miscellaneous professional and related services	374	42.8	7.8
Public administration	5,056	34.2	15.1
Postal service	678	23.0	20.1
Federal public administration	1,585	37.2	17.0
State public administration	909	40.7	12.5
Local public administration	1,885	32.6	12.8

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of industries which connnot be more specifically identified.

Source: Employment and Earnings, Vol. 27, No. 1, January 1980, U.S. Department of Labor, Bureau of Labor Statistics

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AFFIRMATIVE ACTION REPORTS

Areas	Person to Contact (Area Labor Market Analyst)	Telephone
Pennsylvania - State as a Whole	Mr. William Wentz Labor Market Information 1225 - Labor & Industry Bldg. Harrisburg, Pa. 17121	(717) 787-2114
Allentown-Bethlehem-Easton SMSA Carbon County, Pa. Lehigh County, Pa. City of Allentown, Pa. Northampton County, Pa. Warren County, N.J.	Mr. Peter X. Yori, Jr. Office of Employment Security P.O.Box 2408 1411 Union Blvd. Allentown, Pa. 18103	(215) 821-6571
Altoona SMSA (Blair Co.) Clearfield-Dubois LMA (Clearfield Co. & part of Centre Co.) Emporium LMA (Cameron Co.) Huntingdon LMA (Huntingdon Co.) Punxsutawney LMA (Jefferson Co.) St. Marys LMA (Elk Co.) State College-Bellefonte LMA (Most of Centre Co.)	Mr. James Hanlin Office of Employment Security 1101 Green Avenue Altoona, Pa. 16603	(814) 946-7205
Erie SMSA (Erie Co.) City of Erie Bradford LMA (McKean Co.) Clarion LMA (Clarion Co.) Meadville LMA (Most of Crawford Co.) Oil City-Franklin-Titusville LMA (Forest & Venango Counties plus a small part of Crawford Co.) Sharon-Farrell LMA (Mercer Co.) Warren LMA (Warren Co.)	Mr. Paul Weithman Office of Employment Security 1316 State St. Erie, Pa. 16501	(814) 871-4453
Harrisburg SMSA (Cumberland, Dauphin & Perry Counties) City of Harrisburg Lewistown LMA (Juniata & Mifflin Cos.)	Mr. James Mowad, Jr. Office of Employment Security P.O.Box 1899 1800 N. Second St., Harrisburg, Pa. 17121	(717) 783-3294
Johnstown SMSA (Cambria & Somerset Counties) Bedford LMA (Bedford Co.) Indiana LMA (Indiana Co.)	Mr. William Findley Office of Employment Security 200 Lincoln St. Johnstown, Pa. 15901	(814) 533-2213

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Philadelphia SMSA (Bucks, Chester, Delaware, Montgomery,& Philadelphia Counties in Pa; Burlington, Camden, & Gloucester Counties in New Jersey) Pennsylvania portion (5 counties) Philadelphia City/County	Mr. Edward Murray (215) 238-7675 Office of Employment Security 801 Arch St. Philadelphia, Pa. 19107
Pittsburgh SMSA Allegheny County City of Pittsburgh Beaver County Washington County Westmoreland County Butler LMA (Butler Co.) New Castle LMA (Lawrence Co.)	Mr. William Ceriani (412) 565-5350 Office of Employment Security 300 Liberty Ave., Pittsburgh, Pa. 15222
Pottsville LMA (Schuylkill Co.)	Mr. Robert R. Merola (717) 622-8181 Office of Employment Security Ext. 253 112 Claude A. Lord Blvd. Pottsville, Pa. 17901
Reading SMSA (Berks Co.) City of Reading	Mr. Kenneth Shockley (215) 378-4314 Office of Employment Security 15 S. Eighth St., Reading, Pa. 19602
Northeast SMSA (Lackawanna, Luzerne & Monroe Counties) Scranton Sub-Area of Northeast SMSA (Lackawanna Co.) City of Scranton Forest City-Montrose Area (Susquehanna Co., Pa. - part of Binghamton, New York SMSA) Honesdale-Matamoras LMA (Pike and Wayne Counties) Stroudsburg Area (Monroe County)	Mrs. Mary DeWittie (717) 961-4685 Office of Employment Security 135 Franklin Avenue Scranton, Pa. 18503

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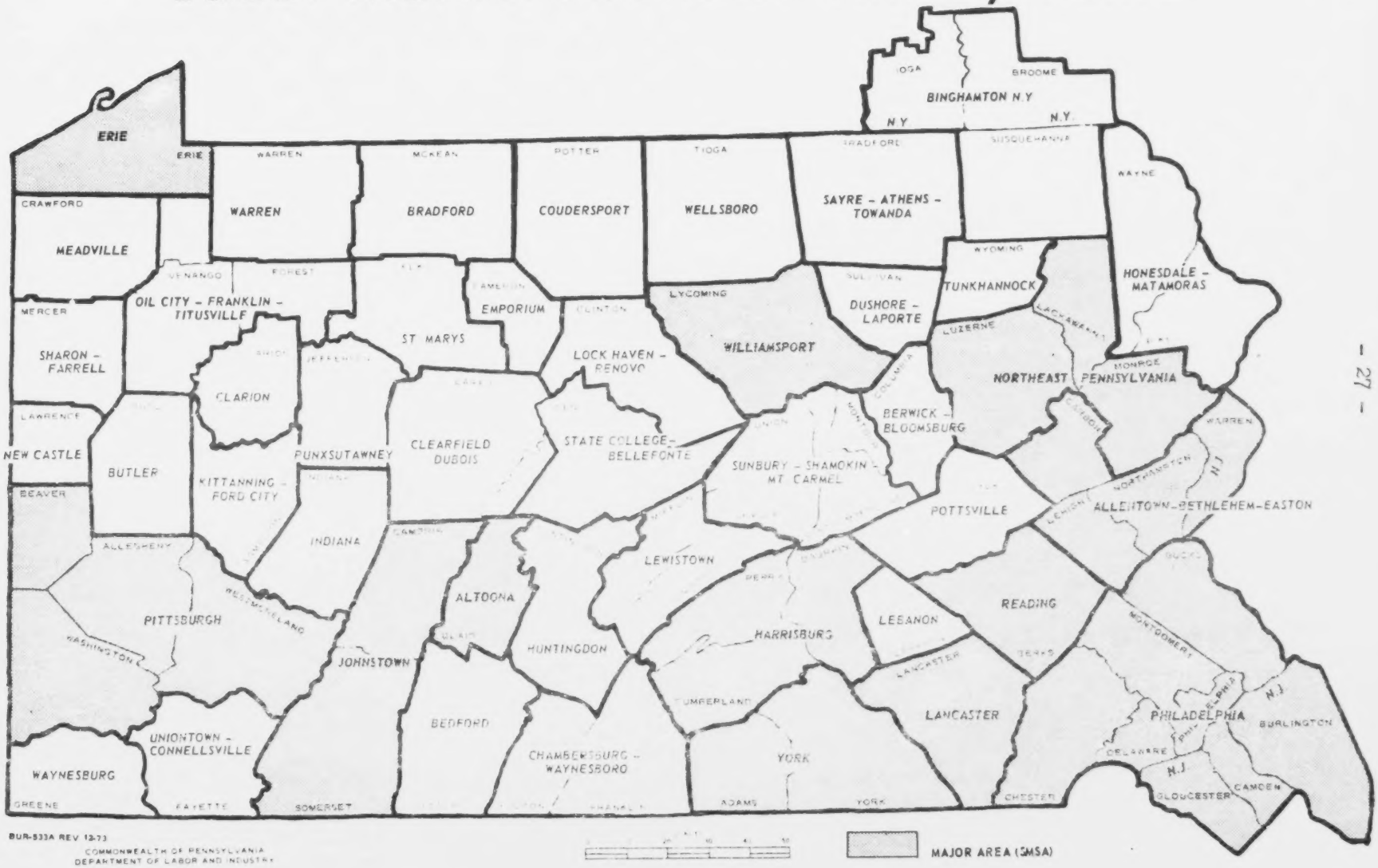
Wilkes-Barre—Hazleton Sub-Area of Northeast SMSA (Luzerne County) Tunkhannock LMA (Wyoming Co.)	Mr. Carl Magagna Office of Employment Security 32 E. Union St., Wilkes-Barre, Pa. 18711	(717) 826-2418
Williamsport SMSA (Lycoming Co.) Berwick-Bloomsburg LMA (Columbia Co.) Coudersport LMA (Potter Co.) Dushore-Laporte LMA (Sullivan Co.) Lock Haven-Renovo LMA (Clinton Co.) Sayre-Athens-Towanda LMA (Bradford Co.) Sunbury-Shamokin-Mt. Carmel LMA (Montour, Northumberland, Snyder and Union Counties) Wellsboro LMA (Tioga Co.)	Mr. Glenn Lynn Office of Employment Security 1300 Sheridan St., Williamsport, Pa. 17701	(717) 322-6194
York SMSA (Adams & York Counties) Chambersburg-Waynesboro LMA (Franklin & Fulton Counties)	Mr. Larry Baugher Office of Employment Security P.O.Box M-90 140 North Duke Street York, Pa. 17405	(717) 771-4416

Note: All reports can be obtained from Labor Market Information, Harrisburg. Be specific in your requests.

Labor Market Areas of Pennsylvania



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